Express Mail No. EK903648916US
Case Docket No. CHR 97-82 CIP

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

G. Frederick Hutter

Serial No.:

10/014710

Group Art Unit:

Filed:

12-4-01

For:

Rosin-Fatty Acid Vinylic Polyamide Polymer Resins

Examiner:

Your

Honorable Commissioner of Patents and Trademarks Washington, DC 20231

## INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. § 1.56, applicant wishes to call the attention of the Examiner to the following references:

| U.S. PATENT NO. | <u>PATENTEE</u>   | ISSUE DATE |
|-----------------|-------------------|------------|
| 3,412,115       | Floyd et al.      | 11/19/68   |
| 3,778,394       | Lovald et al.     | 12/11/73   |
| 4,111,877       | Dixon et al.      | 09/05/78   |
| 4,487,940       | Sekmakas et al.   | 12/11/84   |
| 4,526,915       | Sekmakas et al.   | 07/02/85   |
| 4,870,139       | Kveglis et al.    | 09/26/89   |
| 5,026,755       | Kveglis et al.    | 06/25/91   |
| 5,180,782       | Stone et al.      | 01/19/93   |
| 5,183,847       | El-Hefnawi et al. | 02/02/93   |
| 5,420,229       | Burke et al.      | 05/30/95   |
| 5,656,679       | Hutter            | 08/12/97   |
| 5,693,702       | Hutter            | 12/02/97   |
| 6,069,275       | Schachat et al.   | 05/30/00   |
| RE. 28,533      | Drawert et al.    | 08/26/75   |

## OTHER DOCUMENTS

Pending U.S. Patent Application Serial No. 09/661,278, entitled "Rosin-Fatty Acid Vinylic Polyamide Polymer Supported Latices" by G. F. Hutter. Filed 9/14/00.

United Kingdom Patent No. 1,236,088. New Polyamides and Their Use. Issued: 02/16/72.

Halbrook, N. J., R. V. Lawrence, R. L. Dressler, R. C. Blackstone, and W. Herz. Structure and Stereochemistry of Diels-Alder Adducts of Levopimaric Acid. *Journal of Organic Chemistry* Vol. 29: 1017-1021. 1964.

Copies of these references are submitted herewith along with form PTO-1449.

U.S. Patents Nos. 4,870,139, 5,026,755 and 5,183,847 relate to the production of graft polymers and the relevance thereof is discussed in the above-referenced patent application.

British Patent No. 1,236,088 and U.S. Patents Nos. 3,412,115, 3,778,394 and Re. 28,533 relate to the production of polyamides and the relevance thereof is discussed in the above-referenced patent application.

Commonly assigned, pending U.S. Patent Application Serial No. 09/661,278 relates to the production of rosin-fatty acid vinylic polyamide polymer supported latices.

The remaining patents and other documents are cited as being representative of the state of the art in this area.

Express Mail No. <u>EK903648916US</u> Case Docket No. CHR 97-82 CIP

These citations do not constitute an admission that the references are relevant or material to the claims; they are cited only as constituting the closest art of which the applicant is aware.

Respectfully Submitted,

Daniel B. Reece IV Attorney for the Applicants Registration No. 33,998

## Attachments

Dated: December 10, 2001 5255 Virginia Avenue Post Office Box 118005 Charleston, SC 29423-8005 (843) 746-8493

| REV. 8-83)  PATENTAND TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)  U.S. PATENT DOCUMENTS  ***THING DATE**  U.S. PATENT DOCUMENTS  ***THING DATE**  U.S. PATENT DOCUMENTS  ***THING DATE**  ***DOCUMENT NUMBER**  DATE**  NAME**  CLASS SUBCLASS FILING DATE**  PATENTOPIAN  APPLICATION  3  | 17E 4 . 0-03;      |                 |          |  |        |        |  |       |      | COMMERC       | 0111077 02 011                |             |              |          |          |
|--|--------------------|-----------------|----------|--|--------|--------|--|-------|------|---------------|-------------------------------|-------------|--------------|----------|----------|
| FILING DATE   GROUP   FILING DATE   GROUP   FILING DATE   SUBCLASS   SUBCLASS   FILING DATE   SUBCLASS   SUBCLASS |                    |                 |          | · .  | . D.   | OT 0   |  |       |      |               | APPLICANTS                    |             |              |          |          |
| U.S. PATENT DOCUMENTS  | IN                 | IFORN           | ΛAΙ      | ION  | DIS    | CLO    | SUR  | E Cľ  | [AT] | ION           |                               |             |              |          |          |
| NAME   |                    | ı               | (Use     | seve   | ral sh | eets i | f nece   | ssary | )    |               | FILING DATE                   | GR          | OUP          |          |          |
| Subclass   Subclass  |                    |                 |          |  |        |        |  |       |      | U.S. PA       | ENT DOCUMENTS                 |             |              |          |          |
| 3  | EXAMINER<br>NITIAL |                 |          |  | OCUM   | IENT N | UMBE   | R     |      | DATE          | NAME                          | CLASS       | SUBCLASS     |          |          |
| 1  |                    | _               | 3        | 4  | 1      | 2      | 1  | 1     | 5    | 11/68         | loyd et al.                   |             |              |          | -0       |
| 4  |                    |                 | 3        | 7  | 7      | 8      | 3  | 9     | 4    | 12/73         | ovald et al.                  |             |              |          | <u>۔</u> |
| 4   5   2   6   9   1   5   5   5   5   5   5   5   5   5  |                    |                 | 4        | 1  | 1      | 1      | 8  | 7     | 7    | 09/78         | ixon et al.                   |             | ļ            |          | Ęs_      |
| 4  |                    |                 |          |  |        |        | <del>-</del> -                                   | 4     |      |               | ekmakas et al.                | <u> </u>    |              | ļ        | <u> </u> |
| 5  |                    |                 |          |  |        |        | Ť  |       |      |               |                               |             |              |          | <u> </u> |
| 5  |                    | $\dashv$        |          |  |        |        | Ė  |       |      |               |                               |             |              | -        |          |
| 5  |                    |                 |          | 0  |        |        |  |       |      |               |                               |             |              | <b> </b> |          |
| 5   4   2   0   2   2   9   05/95   Burke et al.   | <del></del>        | -               |          | 1  |        |        | <del>                                     </del> |       |      |               |                               |             |              |          |          |
| 5 6 5 6 6 7 9 08/97   Hutter   |                    |                 | $\neg$   |  |        |        | $\vdash$   |       |      |               |                               |             |              |          |          |
| 5  |                    | $\dashv$        |          |  |        |        |  |       |      |               |                               |             |              |          |          |
| 6  |                    |                 | $\dashv$ |  |        |        |  |       |      |               |                               | -           |              | -        |          |
| R E 2 8 5 3 3 08/75   Drawert et al.   |                    |                 |          | -  |        |        |  |       |      | 1             |                               |             |              |          |          |
| DOCUMENT NUMBER   DATE   COUNTRY   CLASS   SUBCLASS   NO   |                    |                 | $\dashv$ |  |        |        |  |       |      |               |                               |             |              |          |          |
| DOCUMENT NUMBER   DATE   COUNTRY   CLASS   SUBCLASS   TRANSLATION  |                    |                 |          |  |        |        |  |       | PE   |               |                               |             |              | 1.       |          |
| DOCUMENT NUMBER   DATE   COUNTRY   CLASS   SUBCLASS   TRANSLATION   YES   NO   |                    | 09/             | ŀ        | 6  | 6      | 1      | 2  | 7     | 8    | 09/00         | utter                         |             |              |          |          |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Halbrook, N. J., R. V. Lawrence, R. L. Dressler, R. C. Blackstone, and W. Herz. Structure and Stereochemistre.   |                    |                 |          |  |        |        |  |       |      |               |                               |             |              | 1        |          |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Halbrook, N. J., R. V. Lawrence, R. L. Dressler, R. C. Blackstone, and W. Herz. Structure and Stereochemistre  |                    | DOCUMENT NUMBER |          |  |        |        |  |       |      | DATE          | COUNTRY                       | CLASS       | SUBCLASS     | TRANSL   | ATION    |
| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)  Halbrook, N. J., R. V. Lawrence, R. L. Dressler, R. C. Blackstone, and W. Herz. Structure and Stereochemistre  |                    |                 | 1        | <u>,                                    </u> | 2      | 6      | 0  |       | 0    | 02/72 1       | nited Kingdom                 |             |              | YES      | NO       |
| Halbrook, N. J., R. V. Lawrence, R. L. Dressler, R. C. Blackstone, and W. Herz. Structure and Stereochemistr   |                    |                 | +        | -  | J      | -      | 0  | 0     | 0    |               |                               |             |              |          | -        |
| Halbrook, N. J., R. V. Lawrence, R. L. Dressler, R. C. Blackstone, and W. Herz. Structure and Stereochemistr   | -+                 | _               | $\dashv$ | -  |        |        |  |       |      |               |                               | -           | <del> </del> | ļ        | +        |
| Halbrook, N. J., R. V. Lawrence, R. L. Dressler, R. C. Blackstone, and W. Herz. Structure and Stereochemistr   | <u>L</u>           |                 |          |  | 1      | OT1    | HED I  | ــــا | IMEN | JTS (Included | Author Title Date Berting D   | man Etc. )  | L            | <u> </u> |          |
| of Diels-Alder Adducts of Levonimaric Acid. Journal of Organic Chemistry Vol 29: 1017-1021 1964  |                    |                 | Т        | Hal  | hrool  |        |  |       |      |               |                               |             | tructure and | Stargook | omiete   |
| 1 1 1 1 1021, 1704,  |                    |                 |          | of I   | iels-  | Alde   | r Ado  | ducts | of L | evopimaric    | Acid. Journal of Organic Chem | istry Vol 2 | 29: 1017-102 | 21. 1964 |          |
|  |                    |                 |          |  |        |        |  |       |      |               |                               |             |              |          |          |
|  |                    | [               | $\Box$   |  |        |        |  |       |      |               |                               |             |              |          |          |
|  |                    | L               | _        |  |        |        |  |       |      |               |                               |             |              |          |          |
|  |                    |                 |          |  |        |        |  |       |      |               |                               |             |              |          |          |
|  | XAMINER            |                 |          |  |        |        |  |       |      | DATE          | ONSIDERED                     |             | <u>-</u>     |          |          |